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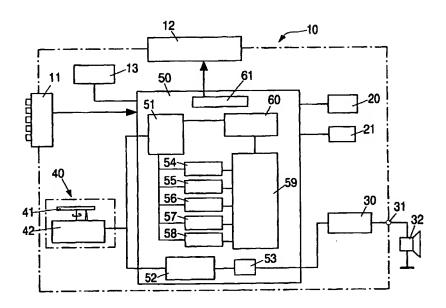
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(54) Title: METHOD AND ARRANGEMENT FOR THE GENERATION OF AN IDENTIFICATION DATA BLOCK



(57) Abstract: In a method of generating an identification data block, a unique identification data block is generated from part identification blocks, by means of an XOR function, for a data carrier (41) that contains at least one track, which track is defined by an item of start position (offset) information. Tracks on the data carrier (41) may contain files having file names in this case, individual part identification blocks being generated from associated items of start position information and from the file names, likewise by means of an XOR function.



### WO 2004/003912 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

#### NAL SEARCH REPORT INTERNAT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B27/28 G11B G06F17/30 G11B27/10 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B G06F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 12 - 14US 2003/028721 A1 (WOODWARD MARK L) P,X 6 February 2003 (2003-02-06) 1,8 the whole document P,A 1,8,12 US 2003/112729 A1 (NICHOLS JAMES B ET AL) P,A 19 June 2003 (2003-06-19) the whole document 1.8 WO 92 07360 A (MORO MARIO) Α 30 April 1992 (1992-04-30) the whole document 1,8 US 6 188 659 B1 (MUELLER WILLIAM J ET AL) Α 13 February 2001 (2001-02-13) the whole document Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance Invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. O document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but \*&" document member of the same patent family later than the priority date claimed Date of malling of the international search report Date of the actual completion of the international search 07/11/2003 31 October 2003 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl,

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# INTERNATIONAL SEARCH REPORT

nı I Application No
PCT/IB 03/02825

		PCI/IB US	3/ 02823	
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	WO 97 05616 A (SONY ELECTRONICS INC) 13 February 1997 (1997-02-13) page 5, line 13 -page 6, line 7		1	
Α	WO 98 25269 A (THOMSON CONSUMER ELECTRONICS) 11 June 1998 (1998-06-11) page 3, line 32 -page 4, line 2 page 10, line 28 -page 11, line 38	1		
A	WO 02 46968 A (OPENGLOBE INC) 13 June 2002 (2002-06-13) page 8, paragraph 22 -page 9, paragraph 27	1		
A	US 6 304 523 B1 (JONES SCOTT A ET AL) 16 October 2001 (2001-10-16) column 5, line 13 - line 59		1	
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			·	
1				

### INTERNATIONAL SEARCH REPORT

PCT/IB 03/02825

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Patent document ited in search report		Publication date		Patent family member(s)	Publication date
US 2003028721	A1	06-02-2003	NONE		
US 2003112729	A1	19-06-2003	WO	03052759 A1	26-06-2003
WO 9207360	Α	30-04-1992	WO	9207360 A1	30-04-1992
US 6188659	B1	13-02-2001	NONE		
WO 9705616		13-02-1997	US AU AU CA CN DE EP HK JP WS US US	5751672 A 192879 T 700004 B2 6344896 A 2227519 A1 1192285 A 69608281 D1 69608281 T2 0840927 A1 1007910 A3 11514482 T 9705616 A1 6388958 B1 6247022 B1 2001056424 A1 2001004338 A1	12-05-1998 15-05-2000 17-12-1998 26-02-1997 13-02-1997 02-09-1998 15-06-2000 30-11-2000 13-05-1998 30-04-1999 07-12-1999 13-02-1997 14-05-2002 12-06-2001 27-12-2001 21-06-2001
 WO 9825269		 11-06-1998	US US US US 	6147940 A 6128255 A 2001056430 A1 6128625 A 	14-11-2000 03-10-2000 27-12-2001 03-10-2000 07-03-2000
			US AU CN CN DE DE JP KRO US JP	6031795 A 7627398 A 1284721 A 1284722 A 1239573 A 69716632 D1 69716632 T2 1152421 A2 0941537 A1 2001506795 T 2001313892 A 2000057236 A 9825269 A1 6252831 B1 6226235 B1 2001273748 A	29-02-2000 29-06-1998 21-02-2001 21-02-2001 22-12-1999 28-11-2002 31-07-2003 07-11-2001 15-09-1999 22-05-2001 09-11-2001 15-09-2000 11-06-1998 26-06-2001 05-10-2001
W0 0246968	A	13-06-2002	EP US WO	1352340 A2 2002069195 A1 0246968 A2	15-10-200 06-06-200 13-06-200
US 6304523	B1	16-10-2001	JP US	2000215653 A 2002048224 A1	04-08-2000 25-04-2000